BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Estimate Cost Rs. 250000.00

Name of Work: Detailed Estimate for the Work of Maintence of Existing public toilets in ward no - 01 of yelahanka Sub division.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Providing and fixing stainless steel 304 grade for staircase railings, balconies, ramps with hand rail, 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pip of 16 guage stailneless steel vertical pipe spaced at 1.20m regular intervals and 5 Nos of 25mm dia. stainless steel hollow horizontal pipe are weleded to vertical 50mm dia hollow pipe. the entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc. complete including cost of materials labour, HOM of and electrical charges etc. complete as per specification. Page No 45 Item no 7.38 SR 2018-19								
		sqm							
	infront of Revenue office stainless steel grill		1	13.50	1.50		20.25		
	hand railing for physically handicap		2	1.50	0.90		2.70		
	gate		1	1.50	1.50		2.25		
							25.20	6382.26	**160833.00**
	Basic Rate	6021.00							
	Add Area Weightage @ 6%	361.26							
	Total	**6382.26**							
2	KSRB 13.11.1 Providing and placing on terrace. Polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity) Specification NO. KBS 13.22 Page No. 96/ Item No. 13.78 / PWD SR 2018-19								
			1	2			2		
							2	7237.68	14475.00
	Basic Rate	6828.00							
	Area Weightage @ 6%	409.68							
	Total	**7237.68**							
3	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall) -20mm nominal OD pipes. (P.No. 98, I.No. 13.85.2 of KPWD S.R 2018-19).								
		Mtr							
	Rate analysis								

No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	A) 20mm nominal OD Pipe		1	12.00			12.00		
							12.00	**166.42**	**1997.04**
	Basic Rate	157.00							
	Area Wtg 6%	9.42							
	Total	166.42							
	B) 25mm nominal OD Pipe		1	12.00			12 00		
							12.00	**207.76**	**2493.12**
	Basic Rate	196.00							
	Area Wtg 6%	11.76							
	Total	207.76							
4	KSRB 13.6.4 Provding and fixng in position brass gate value with C I with wheel of approved quality (Screwed end) nominal bore including cost of all materials labour and HOM with all leads complete as per specifications. Page No 93 item no 13.32 13.33 20mm dia nominal bore SR 2018-19								
		each							
	Rate analysis								
	A) 20mm nominal bore		1	5.00			5.00		
							5.00	**356.16**	**1780.80**
	Basic Rate	336.00							
	Area Wtg 6%	20.16							
	Total	356.16							
	B) 25mm nominal bore		1	5.00			5.00		
							5.00	**475.94**	**2379.70**
	Basic Rate	449.00							
	Area Wtg 6%	26.94							
	Total	475.94							
5	KSRB 13.6.2 Provding and fixng in position brass . stop cock of approved quality nominal bore including cost of all materials labour and HOM with all leads complete as per specifications. Page No 93 item no 13.26 SR 2018-19								
		each							
	A) 20mm nominal bore		1	5.00			5.00		
							5.00	**149.46**	**747.30**
	Basic Rate	141.00							
	Area Wtg 6%	8.46							
	Total	149.46							
	B) 25mm nominal bore		1	5.00			5.00		

No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
							5.00	**147.34**	**736.70**
	Basic Rate	139.00							
	Area Wtg 6%	8.34							
	Total	147.34							
6	KSRB 11-1 Providing and fixing white vitreous china clay, water closet Europe type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, 10 litre low level, P. V. C. flushing cistern (all are approved make) with fittings, C.I / M.S. brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labours complete as per specifications.Specification No. KBS 79 Page No. item no 12.5 PWD SR 2018-19.								
	inside RO room		1	1			1		
							1	5253.36	5253.00
	Basic Rate	4956.00							
	Area Weightage @ 6%	297.36							
	Total	**5253.36**							
7	KSRB. 7.4 Providing and fixing 1mm thick M.S. sheet garage door with frame and diagonal braces of size 40x40x6 mm angle Iron using M.S. flats 30x6 mm for diagonal braces and central cross pieces 3.15mm thick M.S. Gusset plates at junctions and corners, with handles, stoppers and locking arrangements etc., including applying a priming cost of red lead paint cost of materials, labour, HOM of machinery complete as per specifications. 1 double leaf door of size 2.4mx2.4m Size Specification NO, KBS 7.8 / 7.12 Page No. 36/ Item No. 7.4/ PWD SR 2018-19								
		sqm	1	2.10	0.90		1.89		
							1.89	2449.66	4630.00
	Basic Rate	2311.00							
	Area Weightage @ 6%	138.66							
	Total	**2449.66**							
8	"SOLID PANEL PVC DOOR SHUTTER" Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm from styles and 15x15mm for top & bottom rails, covered with heat moulded PVC 'C' channel of 5mm thick sheet & 30 x 50 mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in charge fixed to frames with 3 nos of 75m.m. Aluminium hinges. Page No.60/ Item No. 9.83/ PWD SR 2018-19								
		sqm	2	0.90	2.00		3.60		
							3.60	2943.62	10597.00
	Basic Rate	2777.00							
	Area Weightage @ 6%	166.62							
	Total	**2943.62**							

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
No 9	KSRB 12-8 1 : Constructing brick masonry inspection chamber 455x610mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I. cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38kg (weight of cover 23kg and weight of frame 15kg) R.C.C. top slab with cement concrete 1:2:4 mix 20mm and downsize granite metal, foundation concrete 1:5:10 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specificationsNo.KBS Page No. 75/ Item No. 11.50 1 PWD SR 2018-19								
		Nos	2				2.00		
							2.00	7487.84	14976.00
	Basic Rate	7064.00							
	Area Weightage @ 6%	423.84							
	Total	**7487.84**							
							Sub total		**220898.66**
10	GST of 12% as per Govt Letter No PWD 65 RDF 2017 Dated 11-10-2018								**26507.84**
11	Miscellaneous and unforeseen charges	Ls							2593.50
							Total Ammount Rs.		**250000.00**

(Rupees Two lakhs fifty thousand only)

CERTIFICATE

1) The site has been inspected and the work is found to be necessary.
2 The rates adopted are as per PW,P IWTD SR of 2018-19
3) The provisions were made in this estimate are necessary and adequate.
4) The area comes under the Bruhat Bengaluru Mahanagara Palike Limits.
5) This work is not repeated in any other programs or Grants

Assistant Engineer
Ward No.1

Executive Engineer
Yelahanka-Division
B.B.M.P

Assistant Executive Engineer
Yelahanka Sub-Division
B.B.M.P

Administrative Sanction for Rs. 2:50 lakh
Two Lakh & Fifty Thousand
is accorded under head P-3294 - 2018-19 / 14th -F
Registered as CE No. ..... Subject to conditions contained in enclosed memo No. CE/YNK/AA/KR/18-19 Dt. 7-2-19

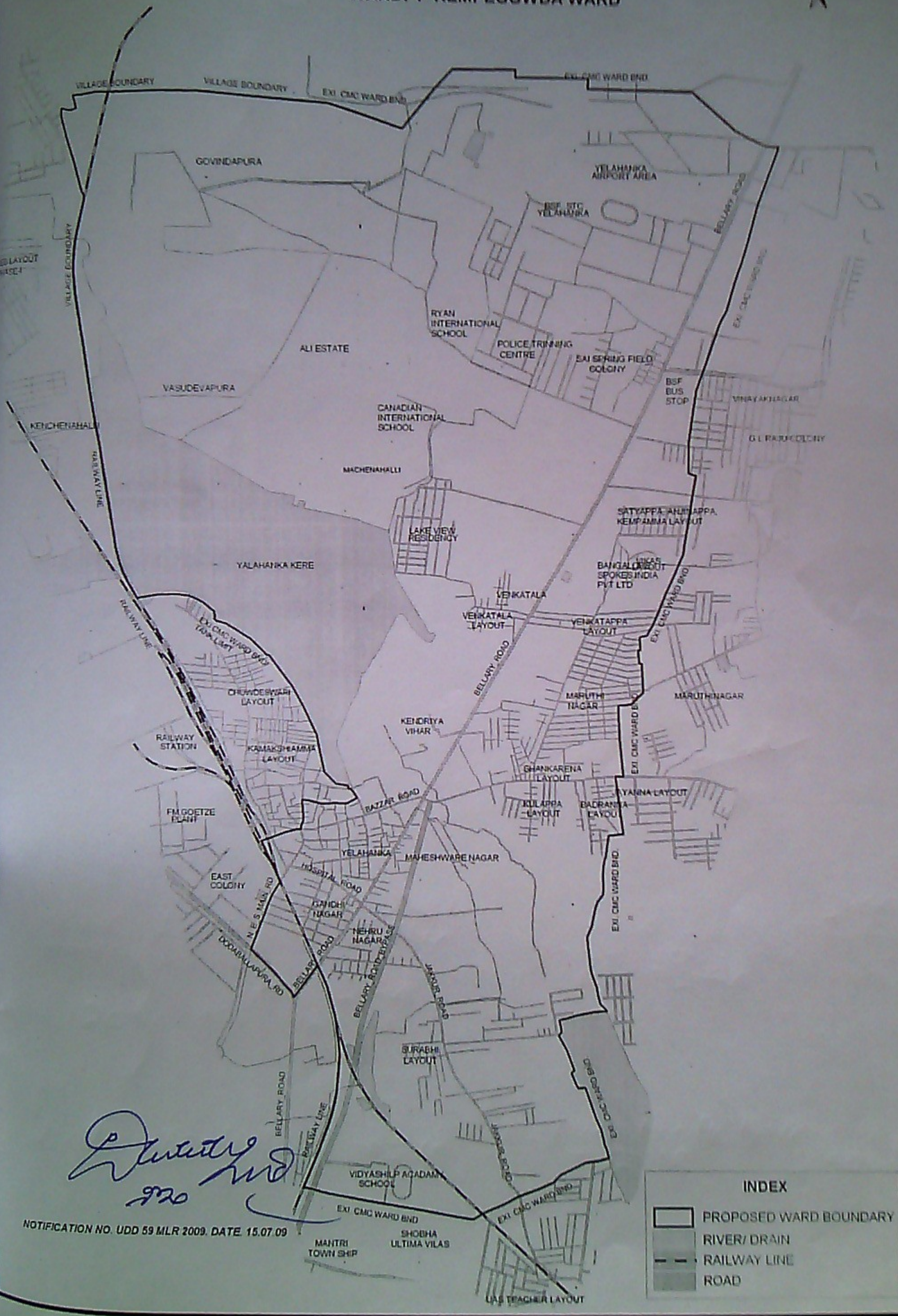
Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 2:50 lac
Rupees Two Lakh & Fifty Thousand only
Under P-3294 -
Registered as CE ( ) No. 99
Subject to conditions contained in enclosed memo EE ( ) No. /9/
Dt. ..... Estimate A/ Sanctioned
CEE YNK/TS/16/KR/14 No.
Dated 7-2-19 Rs. 2:50 lac

Executive Engineer

160 - YELAHANKA AC

BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 1- KEMPEGOWDA WARD



NOTIFICATION NO. UDD 59 MLR 2009. DATE. 15.07.09